

**PERIPHERAL BUS SWITCH HAVING VIRTUAL PERIPHERAL BUS AND
CONFIGURABLE HOST BRIDGE**

ABSTRACT OF THE DISCLOSURE

5 A peripheral bus switch includes a virtual peripheral bus, a plurality of bridges, and a
configurable host bridge. A first bridge operably couples on a first side to the virtual
peripheral bus and supports connection on a second side to a peripheral bus fabric. A second
bridge operably couples on a first side to the virtual peripheral bus and supports connection
on a second side to the peripheral bus fabric. The configurable host bridge operably couples
10 to the virtual peripheral bus, supports a host mode of operation in which it serves as a host
bridge, and supports a device mode of operation in which it operates as a device.